

ABSTRACT OF THE DISCLOSURE

A secondary air induction system (1) for an internal combustion engine of a motor vehicle, including a turbine (2) and a compressor (3), in which a turbine wheel (4) of the turbine (2) and a compressor wheel (5) of the compressor (3) are mounted on a rotatable common shaft (6) supported by a bearing assembly (8) including at least one roller bearing (17) inside a turbocharger housing (7). An insulating or noise damping material (9) externally encloses at least a portion of the housing (7) to provide sound insulation in the area of the bearing assembly (8).